			Approved For Release 2002/0	08/08 : CIA-RDP82-004	57R012000400003-5	90 D25X1A				
•			CLASSIFICATION COMPLOANTIAL CENTRAL INTELLIGENCE AGENCY		REPORT NO.					
Š.			informatic	on report	CD NO.					
INTELLOFAX	COU	NTRY	. USSh (Ukrainian SSh)		DATE DISTR.	20 May 1952				
INTE	SU3	JECT	Podzemgaz Coal Gasification Fla	nt near	NO. OF PAGES	2				
	PLACE		Lisichansk 25X10		* S NO OF FNCIS.	1				
		UIRED)	LICE GU	NO. OF ENCLS.	•				
_	DATE			OT CIRCULATE	SUPPLEMENT TO REPORT NO.	25X1X				
L										
		20	to Proletarsk (48°57'N/38°23'E). (38). The construction of the ins The installations were rebuilt af installation has been functioning many technical difficulties at fi were made late in 1949. * The plant was surrounded by a wal	surrounded by a wall and covered an area of about 1.5 sq km, The						
			nearby coal seams were opened und Combustion was started by electri Each mine in operation had its own oxygen to the various seams. The armonia, tar, naphthalene, and be through a pipe line, about 80 cm (18053*N/38°28*E) located 6 km to aboveground.	e ignition and was m pumping installat gases were conduct mzol were removed, in diameter, to the	maintained by supp tion which pumped a ed to the plant who The purified gas we e Don Soda plant in	plying oxygen. the required ere the was carried n Verkhneye				
25>	(1A		Shipments of the by-products, comby rail. Unauthorized entrance to high wall, was prohibited. Authorited identification cards, which were Unauthorized personnel were not a plant. **	the plant, which was zed personnel were renewed every three	was surrounded by provided with spe e months and stamp	a 2.5 meter- cial ed every month.				
25×	(1Ç		Comment. For location sketc	ch of the Podzemgaz information from		This sketch is				
25×	ĊΊĂ		plant near Lisichansk was tentative the plant was equipped with obtained by the gasification procupled sulphur content ranging from 2.5 organic part of the coal, but chargened, the sulphur occur as su	Lisichansk was tentatively put into operation during World Was lant was equipped with a number of large containers for the property the gasification process. The hard coal of the Lisichansk dentent ranging from 2.5 to 7.5 percent. The sulphur does not occur to f the coal, but chiefly in pyrite form. By burning the coal esulphur occur as sulphur dioxide (SC2) or sulphuric acid amust also be separated in the plant. As source does not mention						
		STATE	The same of the sa	NFIDEGTIAL ESTRIBUTION	Decument No. 3 No Change In Glass. Y Declassified Class. Changed Ter					
			Approved For Release 2002/0	18/08 · CIA-RDP82-00/	Auth. 1 8 529 1978	0/6				

Approved For Release 2002/08/08 : CIA-RDP82-00457R012000400003-5

			25)
CONFIDENTIAL			
•	. 2 -		
		2	

elementary sulphur it is probable that sulphuric gases are converted into liquid acid. The entire production of the Podzemgaz plant is processed by the chemical plants in and around Lisichansk.

Comment. The city mentioned in the legend of the location sketch of the Fodzemgaz Plant as Imeni L.E. Kaganovicha may possibly be Popasnaya (48-36N, 38-20E).

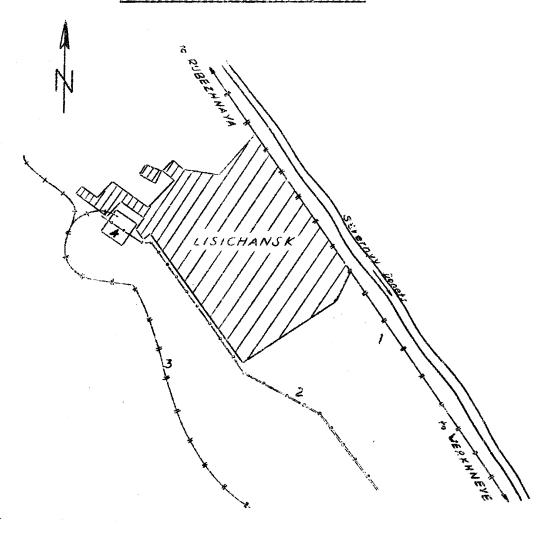
25X1A

CONFIDENTIAL

CONFIDENTIAL

25X1A

Location Sketch of the Podzemgaz Plant



Scole: 1: 50000

Legend:

- 1. Kupyansk (49°42'N/37°38'E) Lisichansk Imeni L.M.Kaganovicha (48°38'N/38°23'E) double-track railroad line.
- 2. Gas pipe line from the Podzemgaz plant to the Don Soda plant
- 3. Industrial railroad line. Double-track line in some sections.
- 4. Podzemgaz Coal Gasification plant.